

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR2004/050622

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01Q15/00 H01Q3/44 H01Q19/28 H01Q3/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	US 3 560 978 A (HIMMEL LEON ET AL) 2 February 1971 (1971-02-02)	1
A	the whole document	2-19
Y	POILASNE G ET AL: "ACTIVE METALLIC PHOTONIC BAND-GRAP MATERIALS (MPBG): EXPERIMENTAL RESULTS ON BEAM SHAPER" IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, IEEE INC. NEW YORK, US, vol. 48, no. 1, January 2000 (2000-01), pages 117-119, XP000908643 ISSN: 0018-926X the whole document	1
A	US 4 700 197 A (MILNE ROBERT) 13 October 1987 (1987-10-13) abstract	1-19
	-/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

23 May 2005

Date of mailing of the international search report

31/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 1 111 718 A (NIPPON ELECTRIC CO) 27 June 2001 (2001-06-27) column 1, line 13 - line 41 column 10, line 45 - column 11, line 2; figures 12,17 -----</p>	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3560978	A	02-02-1971	BE 749080 A1 DE 1953443 A1 ES 373060 A1 FR 2022375 A5 GB 1275579 A JP 49032239 B SE 355270 B	19-10-1970 27-05-1970 16-11-1971 31-07-1970 24-05-1972 28-08-1974 09-04-1973
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